

RECEIVED
MAY 23 1998

OIL CON. DIV.
DIST. 3

CONOCO, INC.
SAN JUAN 28-7 UNIT #214M
870' FSL & 270' FEL, UNIT LETTER 'P'
SEC. 04, T-27-N, R-07-W

COPY

- 4/27/98 MIRU. NUBOP RIH w/ 2 3/8" tbg w/ 3 7/8" bit. Tag cmt @ 7709'. Drilled cmt to float collar @ 7737'. Drilled up float collar & drilled cmt to 7774'. Tested csg to 4200 psi. - OK. Filled 7 X 4 1/2" annulus w/ 7.4 bbls of H2O, & tested to 5000 psi - OK.
- 4/28/98 POOH w/ 2 3/8" tbg w/ 3 7/8" bit. RU Schlumberger to log. Run TDT log from PBDT @ 7774' WL measurement w/ 16' KB added in, to 2300'. Ran CBL from PBDT to 7400' to cover the DK section, & from 5950' to 4800' to cover the MV section. Pulled up & ran CBL from 3565' to 2300' to cover overlap section of 7" csg string. TOC @ 2700'.
- 4/29/98 RU BJ. RIH w/ 3 1/8" HSC gun w/ .32" hole size. Perf DK @ 7559-61-71-74-77-80-86-88-7651-53-57-75-78-81-84-87-90-7709-11-18-20-27-31-36-40-44-48-54-58-61. Total holes 30. Rig up BJ acidized DK w/ 1000 gals 15% HCl acid w/ 45 - 1.3 SG ball sealers. Avg. rate 7.5 bpm @ 2000 psi avg. press. Max press 2800 psi, & max. rate 9 bpm. ISIP 1200 psi. Good ball action. RU BJ RIH w/ junk basket, retrieved 30 balls w/ 26 hits.
- 4/30/98 RU BJ to frac DK. Fraced w/ 152,320# of 20/40 AZ sand, & 19,020# of 20/40 SDC sand. Total fluid pumped 2003 bbls of 15# X-Link gel. Avg. press 3500 psi, & avg. rate 43.5 bpm. Max press 3685 psi & max. rate 45 bpm. Max sand conc. 4#/gal. ISIP 2200 psi. Total sand pumped 169,320#. RU BJ RIH & set Hallib Fas Drill plug @ 5900'. Perf (MV) Point Lookout @ 5515-17-19-31-33-35-37-39-41-43-45-57-59-61-77-79-85-87-95-97-5604-06-20-22-26-28-49-51-5719-21. Total holes 30. Press up csg to 4200 psi, would not break. RIH w/ dump baler, spot 10 gals 28% HCl acid from 56728' to 5605'. Press up csg to 4200 psi, perfs still would not break. RIH w/ dump baler, spotted 10 gals of 28% HCl ACID from 5600'-5577'. POOH w/ dump baler. Acidized Point Lookout w/ 750gals of 15% HCl acid w/ 45 ball sealers, avg. press 900 psi, avg. rate 15 BPM, max. press 4200 psi. Well balled off. ISIP-vacuum. RU to frac (MV) Point Lookout w/ 72,720# of 20/40 AZ sand & 7,000# of 20/40 SDC sand. Total sand pumped 79,720#. Total fluid pumped 1473 bbls of 15# X-link gel. Avg. press 1250 psi @ 50 bpm avg. rate. Max press 1600 psi. ISIP-vacuum. RU BJ RIH & set Hallib Fas Drill Plug @ 5490' & tested plug to 3000 psi - OK. RIH & perf (MV) Menefee @ 5215-19-21-30-33-39-41-59-62-65-5308-11-14-17-20-88-91-94-99-5402-05-08-10-21-25-27-30. Total holes 27. Broke perfs w/ rig pump @ 1/2 BPM @ 2500 psi.
- 5/1/98 RU BJ, acidize MV (Menefee) w/ 750 gals of 15% HCl acid w/ 41 ball sealers. Avg. press 2500 psi, @ 9 bpm avg. rate. Max press 4000 psi. ISIP 930 psi. RU BJ RIH w/ junk basket, retrieved 41 balls w/ 18 hits. RU BJ to frac. Fraced MV (Menefee) w/ 60,000# of 20/40 AZ sand & 6,000# of 20/40 SDC sand. Total sand pumped 66,000# of sand. Total Fluid pumped 1134 bbls of 15# X- link gel. Avg. press 2000 psi, & avg. rate 43 bpm. Max press 2650 psi. Max sand conc. 3#/gal. ISIP 850 psi. RU BJ RIH & set Hallib Fas Drill plug @ 5180'. Tested plug to 3000 psi - OK. Perf MV(Cliffhouse) w/ 3 1/8" HSC gun w/ .32" hole size. Perf @ 4951-53-75-77-90-92-99-5001-03-05-07-09-11-13-15-17-19-23-29-31-35-55-57. Total holes 23.. Acidized MV(Cliffhouse) w/ 750 gals of 15% HCl acid w/ 35 ball sealers. Avg. press 1800 psi, & avg. rate 11 bpm. Max press 3900 psi. ISIP300 psi. Well balled off. RU BJ RIH to retrieve balls, retrieved 34 balls w/ 234 hits. Rig up to frac MV (Cliffhouse) . Fraced MV (Cliffhouse) w/ 50,580# of 20/40 AZ sand & 6,000# of 20/40 SDC sand. Total fluid pumped 952 bbls of 15# X - Link gel. Avg. press 1900 psi, & avg. rate 37 bpm Max press 2550 psi. Max sand conc. 3#/gal. ISIP - 1150 psi.

NMOCD

CONOCO, INC.
SAN JUAN 28-7 UNIT #214M
870' FSL & 270' FEL, UNIT LETTER 'P'
SEC. 04, T-27-N, R-07-W
(CONTINUED)

- 5/4/98 ND Frac valve & frac Y. RU blowie Line & drill gas comp. RIH w/ 2 3/8" tbg & Baker MMM. Run to 3156', start up drill gas comp to unload well. Cont. to RIH & tag sand @ 4746', start up drill gas comp & clean sand to 4776'. Pull 2 jts & SI.
- 5/5/98 Cont. to RIH w/ 2 3/8" Tbg, w/ Baker MMM. Tagged sand @ 4776', started comp & cleaned sand to Hallib Fas Drill Plug @ 5180'. Cleaned sand & fluid, well not making excessive fluid. Pulled 10 jts to 4860'
- 5/6/98 Csg 420 psi. Tbg 400 psi. bled down & cont. to RIH w/ 2 3/8" tbg. Tagged sand @ 5149'. Started 2 - Drill Gas Comp, & cleaned sand to Hallib Fas Drill Plug @ 5180'. Drilled up plug @ 5180'. Cont. in hole & tagged sand @ 5400' & cleaned sand to Hallib Fas Drill Plug @ 5490'. Drilled up plug @ 5490'. Pull up the hole to 4765;.
- 5/7/98 Csg 1000 psi & Tbg 900 psi. Cont. in hole, w/ 2 3/8" tbg & metal muncher. Tagged sand @ 5776', started 2 drill gas comp, & cleaned sand to 5884'. Blew around & let well clean up. Pull tbg up to 4860'. & let well flow up the tbg. Drywatched & tested well thru the night, w/ 1/2 choke nipple. w/ 2 3/8" tbg set @ 4860' tested well thru 1/2" choke nipple. **Test for (MV), tbg 175 psi, & Csg 440 psi. MCFPD - 1155. 10 bbls H2O & 1 bbl OIL. Test witnessed by Randy Watson w/ L & R Const.**
- 5/8/98 Tbg 175 psi, & Csg 440 psi. Blow down. RIH w/ 32 jts & tag sand @ 5884'. Start up 2 drill gas comp, & clean sand to Hallib Fas Drill Plug @ 5900'. Drill up plug @ 5900', & cont. in hole. Tagged sand @ 7700'. Started 2 - Drill Gas Comp & cleaned sand to 7774'. PU to 4860'. Started flowing up the tbg, thru 1/2" choke nipple.
- 5/10/98 Drywatched & tested well 5/9/98 & 5/10/98. SI well 5/10/98 @ 6:00PM. Well has cleaned up & fluid production dropped. **Test for Dakota: 2 3/8 TBG @ 4860'. Tbg 280 psi, & Csg 540 psi. oil - 1 bbl, & H2O - 6 bbl, flowing thru 1/2" choke nipple. MCFPD- 693. Test witnessed by Mike Stone w/ L&R Construction.**
- 5/11/98 Tbg 850 psi. Csg 940 psi. POOH w/ 2 3/8" tbg & Baker MMM. RIH w/ Mule Shoe Collar, SN & 2 3/8" tbg. Tag sand @ 7764' for 10' of fill. Start up 2 drill gas comp, & clean sand to PBTD @ 7774'. PU & land 2 3/8" tbg @ 7653' w/ KB. Total tbg 242 jts. of 2 3/8" tbg. NDBOP & NUWH. Start up drill gas comp & unload fluid w/ comp. RDMO.

ACCEPTED FOR RECORD

MAY 26 1998

FARMINGTON DISTRICT OFFICE
BY *E-24*